

ABSTRACT

A piston rod rotary driving device of a screw nail gun is disclosed. The structure is installed in a gun head of the screw nail gun. The gun head comprises at least one pneumatic motor; a cylinder; a piston rod in the cylinder; one end of the piston rod having a piston. A spindle of the
5 pneumatic motor is installed with a rod groove for receiving the piston rod; and the spindle of the pneumatic motor drives the output disk to rotate. A plurality of polygonal supporting holes are installed at a center portion of the output disk. The piston rod is a polygonal rod so that the piston rod
10 can be coupled to the supporting holes to move therein; and the output disk drives the piston to rotate. Thus, before pressing the trigger, the piston rod is compressed to received in the pneumatic motor so as to reduce the size of the gun head effectively.